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(54) Title: GAMMA-TOCOPHEROL THERAPY FOR RESTENOSIS PREVENTION

(57) Abstract: A stent is provided in combination with delivery of a tocopherol agent, and in particular a des-methyl tocopherol agent, and further beneficially a gamma-tocopherol agent, so as to reduce restenosis along the vessel or other luminal wall where the stent is implanted. In particular applications, the stent is an endolumenal stent, and more specific beneficial applications is an endovascular stent, and the gamma-tocopherol elutes from a coating or carrier coupled with the stent. Certain combinations are provided with the des-methyl-tocopherol or phytyl substituted chromanol, *e.g.* gamma-tocopherol, combined with an additional agent such as an anti-restenosis agent, *e.g.* sirolimus, tacrolimus, everolimus, or paclitaxel, in order to provide synergistic benefit to tissues along the stented or recanalized regions. Other forms of tocopherol or tocotrienol, or other phytyl substituted chromanols, and other compounds such as palm oil, are also contemplated. for use to treat restenosis.



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